

Appendix table 3-8.

**Employed individuals with S&E highest degrees whose jobs are closely related to field of highest degree by degree level and years since degree: 1999
(Percentages)**

Field of highest degree	Employed S&Es, total	Years since degree							
		1–5	6–10	11–15	16–20	21–25	26–30	31–35	
All degree levels^a									
All S&E	45.7	49.1	50.3	51.3	47.3	39.2	37.0	42.5	36.9
Engineering	54.6	58.7	55.8	55.5	56.9	52.4	50.4	52.6	45.2
Aerospace engineering	45.3	53.7	42.7	45.4	52.8	37.3	41.1	50.7	35.1
Chemical engineering	45.2	47.1	48.2	47.1	41.4	43.5	40.2	53.3	41.2
Civil engineering	65.8	68.0	70.0	71.1	68.2	58.3	65.3	62.9	57.0
Electrical engineering	59.7	63.7	57.9	60.4	67.2	59.0	48.4	56.4	55.2
Industrial engineering	37.7	47.2	29.3	40.2	39.5	32.9	45.2	S	27.4
Mechanical engineering	50.2	53.3	55.2	46.0	50.2	56.1	48.0	49.8	40.1
Other engineering	50.7	58.6	55.1	55.4	49.3	43.2	48.2	45.8	36.1
Life sciences	48.3	50.8	58.3	56.3	45.8	40.5	41.5	45.0	38.2
Agriculture	48.0	57.9	52.8	60.7	40.8	41.0	49.1	53.5	22.0
Biological sciences	48.6	50.0	60.6	55.2	47.3	41.2	39.6	43.8	42.7
Health and medical	45.7	48.7	43.7	53.8	48.6	32.0	44.3	24.4	84.3
Computer and math sciences	60.8	70.0	66.6	67.9	68.0	48.8	36.1	38.4	41.1
Computer sciences	74.6	76.7	73.3	74.6	77.0	73.8	59.6	66.6	S
Mathematical sciences	43.2	56.2	52.5	48.5	50.2	34.5	30.2	36.7	40.4
Physical sciences	47.4	57.3	57.6	47.3	45.0	41.1	37.2	48.8	38.9
Chemistry	51.4	66.1	62.7	54.8	50.7	44.6	36.6	51.2	34.5
Geosciences	44.8	51.3	56.7	40.0	41.1	41.0	38.6	61.1	39.6
Physics and astronomy.....	41.8	49.3	45.5	38.9	32.1	37.5	35.2	44.6	51.5
Other physical sciences	49.3	42.9	66.6	56.9	69.4	33.1	45.2	S	S
Social sciences	33.7	37.2	36.7	36.2	33.6	29.8	27.6	32.4	25.3
Economics	28.9	34.4	26.8	29.0	27.4	27.4	22.4	37.3	29.1
Political sciences	23.5	27.9	30.4	14.9	25.5	18.4	20.6	16.2	20.9
Psychology	41.1	44.6	43.4	51.7	40.9	35.3	29.8	39.2	25.1
Sociology and anthropology	30.3	33.0	36.2	23.7	26.5	30.3	27.5	32.0	25.9
Other social sciences	36.5	36.2	40.3	46.7	35.8	28.9	36.9	36.1	22.5

See explanatory notes, if any, and SOURCE at end of table.

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**Employed individuals with S&E highest degrees whose jobs are closely related to field of highest degree by degree level and years since degree: 1999
(Percentages)**

Field of highest degree	Employed S&Es, total	Years since degree							
		1–5	6–10	11–15	16–20	21–25	26–30	31–35	
Bachelor's									
All S&E	39.5	42.0	44.5	44.8	41.7	33.1	31.0	36.3	33.3
Engineering	52.2	54.9	52.5	53.3	55.5	51.4	48.8	48.9	45.1
Aerospace engineering	41.2	45.3	36.4	39.5	51.9	33.5	45.5	51.2	29.8
Chemical engineering	42.0	43.0	46.6	39.9	38.7	42.7	37.5	56.0	36.8
Civil engineering	65.4	67.2	70.1	72.0	66.7	59.7	65.2	58.8	57.3
Electrical engineering	57.0	59.0	52.5	57.4	66.4	57.7	47.4	51.9	58.1
Industrial engineering	34.4	39.6	22.5	37.6	40.6	26.3	43.3	S	30.0
Mechanical engineering	48.9	50.8	54.7	46.1	50.2	54.0	45.9	47.0	40.6
Other engineering	45.8	53.8	50.1	52.9	46.1	39.2	43.6	37.2	34.2
Life sciences	41.8	44.2	53.9	50.0	39.6	33.6	34.4	39.3	30.5
Agriculture	45.6	52.2	49.9	58.5	39.4	41.3	48.4	53.3	20.6
Biological sciences	41.0	42.8	55.8	46.2	40.0	32.4	31.0	36.7	32.5
Health and medical	40.2	45.2	41.0	54.9	37.3	27.3	34.1	S	S
Computer and math sciences	57.8	66.6	63.2	66.5	66.8	46.6	28.7	34.0	35.8
Computer sciences	73.7	74.2	70.9	74.7	77.3	76.5	55.4	S	S
Mathematical sciences	37.8	51.8	47.4	42.7	44.3	29.7	23.2	32.5	35.1
Physical sciences	41.6	54.1	55.7	40.1	38.6	34.8	29.4	41.8	31.8
Chemistry	47.3	64.1	64.1	51.6	45.3	37.3	30.2	46.8	29.7
Geosciences	37.0	45.2	46.8	30.8	33.7	36.7	32.6	S	32.0
Physics and astronomy.....	31.9	45.7	38.7	24.1	20.8	25.9	12.3	38.2	42.6
Other physical sciences	44.9	37.6	66.0	53.4	63.0	30.3	48.9	S	S
Social sciences	25.5	30.0	30.3	21.7	22.8	21.6	21.1	25.7	21.2
Economics	23.2	29.1	23.0	20.2	22.0	21.2	13.5	31.9	26.9
Political sciences	19.6	23.1	28.0	11.0	19.3	12.8	18.2	15.5	18.2
Psychology	27.0	34.2	32.1	28.1	23.1	20.6	16.0	19.9	14.7
Sociology and anthropology	27.6	29.2	33.8	16.0	23.8	29.3	26.1	29.8	24.0
Other social sciences	30.5	30.3	34.6	41.5	26.6	21.5	32.4	31.4	22.5

See explanatory notes, if any, and SOURCE at end of table.

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Appendix table 3-8.

**Employed individuals with S&E highest degrees whose jobs are closely related to field of highest degree by degree level and years since degree: 1999
(Percentages)**

Field of highest degree	Employed S&Es, total	Years since degree							
		1–5	6–10	11–15	16–20	21–25	26–30	31–35	
Master's									
All S&E	60.1	67.6	64.1	65.5	59.5	52.0	48.6	54.1	48.2
Engineering	59.8	64.6	61.6	61.3	61.0	53.3	54.9	60.1	41.7
Aerospace engineering	52.7	57.8	51.5	71.9	54.0	S	S	S	S
Chemical engineering	53.9	59.0	48.3	76.7	54.3	44.0	37.3	S	60.8
Civil engineering	66.6	68.6	70.0	67.2	72.4	52.2	66.4	74.5	53.6
Electrical engineering	65.7	71.3	67.9	66.7	69.4	61.6	51.7	66.4	38.6
Industrial engineering	45.9	57.8	41.4	48.8	30.9	40.3	60.3	S	S
Mechanical engineering	53.8	59.4	55.4	43.0	49.6	63.2	57.4	58.9	34.0
Other engineering	55.4	59.8	58.2	59.2	52.7	46.3	56.6	50.7	S
Life sciences	60.6	71.6	63.9	66.4	55.7	54.9	52.6	49.1	60.8
Agriculture	49.2	73.0	49.6	69.7	37.1	S	S	S	S
Biological sciences	63.3	75.4	69.5	68.9	57.3	60.7	51.4	48.9	69.8
Health and medical	62.3	55.5	52.2	S	75.1	62.4	S	S	S
Computer and math sciences	67.9	77.4	75.4	71.6	71.0	52.3	50.6	45.0	62.1
Computer sciences	76.5	82.0	79.4	73.9	76.3	66.5	64.9	S	S
Mathematical sciences	54.3	64.8	65.5	63.5	60.5	42.4	44.1	42.6	61.1
Physical sciences	53.6	66.6	57.5	52.3	53.5	47.9	41.0	49.9	59.3
Chemistry	56.1	72.8	45.5	58.0	60.6	64.0	35.3	58.0	40.0
Geosciences	54.2	61.9	67.0	47.6	59.5	38.7	36.0	S	S
Physics and astronomy	47.1	64.3	51.0	42.7	24.0	38.8	51.7	32.8	70.7
Other physical sciences	63.0	59.3	66.7	67.9	92.3	S	S	S	S
Social sciences	57.7	64.3	60.3	68.4	55.8	50.8	43.3	56.3	40.1
Economics	48.0	53.0	40.3	79.9	41.0	35.7	44.8	57.6	S
Political sciences	39.9	50.8	41.9	35.4	43.3	39.3	S	S	S
Psychology	67.4	74.1	70.0	77.8	62.9	61.5	50.1	79.7	54.3
Sociology and anthropology	40.8	61.1	44.0	46.8	27.5	22.8	S	43.3	S
Other social sciences	53.3	53.8	69.0	54.5	57.3	47.4	48.1	51.0	S

See explanatory notes, if any, and SOURCE at end of table.

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**Employed individuals with S&E highest degrees whose jobs are closely related to field of highest degree by degree level and years since degree: 1999
(Percentages)**

Field of highest degree	Employed S&Es, total	Years since degree							
		1–5	6–10	11–15	16–20	21–25	26–30	31–35	
Doctorate									
All S&E	69.2	73.4	71.8	70.3	68.5	66.1	62.7	67.1	69.8
Engineering	63.6	69.2	64.3	61.0	67.0	60.4	52.5	67.5	62.8
Aerospace engineering	62.1	75.5	73.3	48.9	74.2	70.2	49.0	43.4	S
Chemical engineering	57.2	65.5	57.6	43.7	62.2	47.6	61.9	59.8	66.1
Civil engineering	71.9	79.8	67.9	75.1	80.1	74.2	61.3	72.3	66.8
Electrical engineering	66.1	69.1	67.1	71.7	71.0	65.5	48.2	70.1	64.9
Industrial engineering	58.5	62.4	66.5	58.6	S	96.8	37.7	S	S
Mechanical engineering	61.1	62.2	62.2	61.3	52.1	66.5	53.7	78.0	47.5
Other engineering	63.3	70.9	62.9	59.3	66.5	53.9	50.3	75.6	68.8
Life sciences	71.5	75.4	73.8	71.4	68.0	70.1	67.8	70.9	71.5
Agriculture	69.7	76.1	72.2	66.7	67.5	66.8	73.6	66.9	50.9
Biological sciences	71.6	74.9	74.2	71.8	67.8	70.6	67.0	71.1	73.7
Health and medical	76.1	87.8	68.2	79.9	76.6	66.9	68.6	86.1	S
Computer and math sciences	70.0	73.9	69.7	76.5	70.0	65.5	56.5	69.5	87.9
Computer sciences	78.0	78.2	75.2	81.4	72.2	94.2	S	S	S
Mathematical sciences	66.6	69.9	64.7	73.4	69.0	62.2	55.8	69.5	87.9
Physical sciences	59.7	62.4	62.9	61.8	59.5	56.1	53.7	60.7	60.4
Chemistry	59.9	67.8	65.8	59.0	59.4	54.9	54.1	56.2	60.2
Geosciences	74.6	72.3	74.5	80.7	71.4	70.1	72.2	83.1	79.0
Physics and astronomy.....	53.7	51.9	51.9	58.6	55.8	49.9	48.7	61.6	55.0
Other physical sciences	63.7	59.0	73.0	55.6	54.0	100.0	S	S	S
Social sciences	77.3	81.8	82.0	79.0	74.9	71.6	74.1	71.9	80.4
Economics	77.8	80.3	85.8	77.1	72.3	78.8	78.1	67.3	76.7
Political sciences	69.7	70.6	76.6	72.8	83.8	59.0	63.6	59.6	69.7
Psychology	81.7	85.7	85.9	83.4	79.5	76.2	77.9	76.8	83.1
Sociology and anthropology	71.2	78.9	78.2	71.1	63.4	63.7	71.9	70.1	91.7
Other social sciences	68.3	78.4	63.1	71.3	65.5	62.5	66.5	77.7	56.8

^aIncludes professional degrees.

S = suppressed for reasons of confidentiality and/or data reliability

SOURCE: National Science Foundation, Division of Science Resources Statistics (NSF/SRS), Scientists and Engineers Statistical Data System (SESTAT), 1999.